

RECEIVED

AUG 2 8 2002

TECH CENTER 1600/2900



ENTERED OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/123,291

DATE: 05/06/2002 8.6  
TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq\_Listing\_for\_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

3 <110> APPLICANT: Baker, Kevin P.  
 4 Beresini, Maureen  
 5 DeForge, Laura  
 6 Desnoyers, Luc  
 7 Filvaroff, Ellen  
 8 Gao, Wei-Qiang  
 9 Gerritsen, Mary E.  
 10 Goddard, Audrey  
 11 Godowski, Paul J.  
 12 Gurney, Austin L.  
 13 Sherwood, Steven  
 14 Smith, Victoria  
 15 Stewart, Timothy A.  
 16 Tumas, Daniel  
 17 Watanabe, Colin K  
 18 Wood, William  
 19 Zhang, Zemin  
 21 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 22 ACIDS ENCODING THE SAME  
 24 <130> FILE REFERENCE: P3330R1C28  
 C--> 26 <140> CURRENT APPLICATION NUMBER: US/10/123,291  
 C--> 26 <141> CURRENT FILING DATE: 2002-04-15  
 26 <150> PRIOR APPLICATION NUMBER: 60/049911  
 27 <151> PRIOR FILING DATE: 1997-06-18  
 29 <150> PRIOR APPLICATION NUMBER: 60/056974  
 30 <151> PRIOR FILING DATE: 1997-08-26  
 32 <150> PRIOR APPLICATION NUMBER: 60/059113  
 33 <151> PRIOR FILING DATE: 1997-09-17  
 35 <150> PRIOR APPLICATION NUMBER: 60/059115  
 36 <151> PRIOR FILING DATE: 1997-09-17  
 38 <150> PRIOR APPLICATION NUMBER: 60/059117  
 39 <151> PRIOR FILING DATE: 1997-09-17  
 41 <150> PRIOR APPLICATION NUMBER: 60/059122  
 42 <151> PRIOR FILING DATE: 1997-09-17  
 44 <150> PRIOR APPLICATION NUMBER: 60/059184  
 45 <151> PRIOR FILING DATE: 1997-09-17  
 47 <150> PRIOR APPLICATION NUMBER: 60/059263  
 48 <151> PRIOR FILING DATE: 1997-09-18  
 50 <150> PRIOR APPLICATION NUMBER: 60/059352  
 51 <151> PRIOR FILING DATE: 1997-09-19  
 53 <150> PRIOR APPLICATION NUMBER: 60/059588  
 54 <151> PRIOR FILING DATE: 1997-09-19  
 56 <150> PRIOR APPLICATION NUMBER: 60/059836

## RAW SEQUENCE LISTING

DATE: 05/06/2002

PATENT APPLICATION: US/10/123,291

TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq\_Listing\_for\_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

57 <151> PRIOR FILING DATE: 1997-09-24  
59 <150> PRIOR APPLICATION NUMBER: 60/062250  
60 <151> PRIOR FILING DATE: 1997-10-17  
62 <150> PRIOR APPLICATION NUMBER: 60/062285  
63 <151> PRIOR FILING DATE: 1997-10-17  
65 <150> PRIOR APPLICATION NUMBER: 60/062287  
66 <151> PRIOR FILING DATE: 1997-10-17  
68 <150> PRIOR APPLICATION NUMBER: 60/062814  
69 <151> PRIOR FILING DATE: 1997-10-24  
71 <150> PRIOR APPLICATION NUMBER: 60/062816  
72 <151> PRIOR FILING DATE: 1997-10-24  
74 <150> PRIOR APPLICATION NUMBER: 60/063045  
75 <151> PRIOR FILING DATE: 1997-10-24  
77 <150> PRIOR APPLICATION NUMBER: 60/063082  
78 <151> PRIOR FILING DATE: 1997-10-31  
80 <150> PRIOR APPLICATION NUMBER: 60/063127  
81 <151> PRIOR FILING DATE: 1997-10-24  
83 <150> PRIOR APPLICATION NUMBER: 60/063327  
84 <151> PRIOR FILING DATE: 1997-10-27  
86 <150> PRIOR APPLICATION NUMBER: 60/063329  
87 <151> PRIOR FILING DATE: 1997-10-27  
89 <150> PRIOR APPLICATION NUMBER: 60/063550  
90 <151> PRIOR FILING DATE: 1997-10-28  
92 <150> PRIOR APPLICATION NUMBER: 60/063561  
93 <151> PRIOR FILING DATE: 1997-10-28  
95 <150> PRIOR APPLICATION NUMBER: 60/063704  
96 <151> PRIOR FILING DATE: 1997-10-29  
98 <150> PRIOR APPLICATION NUMBER: 60/063733  
99 <151> PRIOR FILING DATE: 1997-10-29  
101 <150> PRIOR APPLICATION NUMBER: 60/063735  
102 <151> PRIOR FILING DATE: 1997-10-29  
104 <150> PRIOR APPLICATION NUMBER: 60/063738  
105 <151> PRIOR FILING DATE: 1997-10-29  
107 <150> PRIOR APPLICATION NUMBER: 60/063755  
108 <151> PRIOR FILING DATE: 1997-10-17  
110 <150> PRIOR APPLICATION NUMBER: 60/064248  
111 <151> PRIOR FILING DATE: 1997-11-03  
113 <150> PRIOR APPLICATION NUMBER: 60/064809  
114 <151> PRIOR FILING DATE: 1997-11-07  
116 <150> PRIOR APPLICATION NUMBER: 60/065186  
117 <151> PRIOR FILING DATE: 1997-11-12  
119 <150> PRIOR APPLICATION NUMBER: 60/065846  
120 <151> PRIOR FILING DATE: 1997-11-17  
122 <150> PRIOR APPLICATION NUMBER: 60/066364  
123 <151> PRIOR FILING DATE: 1997-11-21  
125 <150> PRIOR APPLICATION NUMBER: 60/066453  
126 <151> PRIOR FILING DATE: 1997-11-24  
128 <150> PRIOR APPLICATION NUMBER: 60/066511  
129 <151> PRIOR FILING DATE: 1997-11-24

## RAW SEQUENCE LISTING

DATE: 05/06/2002

PATENT APPLICATION: US/10/123,291

TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq\_Listing\_for\_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

131 <150> PRIOR APPLICATION NUMBER: 60/066770  
132 <151> PRIOR FILING DATE: 1997-11-24  
134 <150> PRIOR APPLICATION NUMBER: 60/069212  
135 <151> PRIOR FILING DATE: 1997-12-11  
137 <150> PRIOR APPLICATION NUMBER: 60/069278  
138 <151> PRIOR FILING DATE: 1997-12-11  
140 <150> PRIOR APPLICATION NUMBER: 60/069334  
141 <151> PRIOR FILING DATE: 1997-12-11  
143 <150> PRIOR APPLICATION NUMBER: 60/069694  
144 <151> PRIOR FILING DATE: 1997-12-16  
146 <150> PRIOR APPLICATION NUMBER: 60/072320  
147 <151> PRIOR FILING DATE: 1998-01-23  
149 <150> PRIOR APPLICATION NUMBER: 60/073612  
150 <151> PRIOR FILING DATE: 1998-02-04  
152 <150> PRIOR APPLICATION NUMBER: 60/074086  
153 <151> PRIOR FILING DATE: 1998-02-09  
155 <150> PRIOR APPLICATION NUMBER: 60/074092  
156 <151> PRIOR FILING DATE: 1998-02-09  
158 <150> PRIOR APPLICATION NUMBER: 60/077791  
159 <151> PRIOR FILING DATE: 1998-03-12  
161 <150> PRIOR APPLICATION NUMBER: 60/078910  
162 <151> PRIOR FILING DATE: 1998-03-20  
164 <150> PRIOR APPLICATION NUMBER: 60/079294  
165 <151> PRIOR FILING DATE: 1998-03-25  
167 <150> PRIOR APPLICATION NUMBER: 60/079663  
168 <151> PRIOR FILING DATE: 1998-02-27  
170 <150> PRIOR APPLICATION NUMBER: 60/079728  
171 <151> PRIOR FILING DATE: 1998-03-27  
173 <150> PRIOR APPLICATION NUMBER: 60/080165  
174 <151> PRIOR FILING DATE: 1998-03-31  
176 <150> PRIOR APPLICATION NUMBER: 60/081203  
177 <151> PRIOR FILING DATE: 1998-04-09  
179 <150> PRIOR APPLICATION NUMBER: 60/081229  
180 <151> PRIOR FILING DATE: 1998-04-09  
182 <150> PRIOR APPLICATION NUMBER: 60/081695  
183 <151> PRIOR FILING DATE: 1998-04-14  
185 <150> PRIOR APPLICATION NUMBER: 60/081817  
186 <151> PRIOR FILING DATE: 1998-04-15  
188 <150> PRIOR APPLICATION NUMBER: 60/081818  
189 <151> PRIOR FILING DATE: 1998-04-15  
191 <150> PRIOR APPLICATION NUMBER: 60/082999  
192 <151> PRIOR FILING DATE: 1998-04-24  
194 <150> PRIOR APPLICATION NUMBER: 60/083322  
195 <151> PRIOR FILING DATE: 1998-04-28  
197 <150> PRIOR APPLICATION NUMBER: 60/083545  
198 <151> PRIOR FILING DATE: 1998-04-29  
200 <150> PRIOR APPLICATION NUMBER: 60/084600  
201 <151> PRIOR FILING DATE: 1998-05-07  
203 <150> PRIOR APPLICATION NUMBER: 60/084627

## RAW SEQUENCE LISTING

DATE: 05/06/2002

PATENT APPLICATION: US/10/123,291

TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq\_Listing\_for\_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

204 <151> PRIOR FILING DATE: 1998-05-07  
206 <150> PRIOR APPLICATION NUMBER: 60/084637  
207 <151> PRIOR FILING DATE: 1998-05-07  
209 <150> PRIOR APPLICATION NUMBER: 60/085149  
210 <151> PRIOR FILING DATE: 1998-05-12  
212 <150> PRIOR APPLICATION NUMBER: 60/085323  
213 <151> PRIOR FILING DATE: 1998-05-13  
215 <150> PRIOR APPLICATION NUMBER: 60/085338  
216 <151> PRIOR FILING DATE: 1998-05-13  
218 <150> PRIOR APPLICATION NUMBER: 60/085339  
219 <151> PRIOR FILING DATE: 1998-05-13  
221 <150> PRIOR APPLICATION NUMBER: 60/085579  
222 <151> PRIOR FILING DATE: 1998-05-15  
224 <150> PRIOR APPLICATION NUMBER: 60/085697  
225 <151> PRIOR FILING DATE: 1998-05-15  
227 <150> PRIOR APPLICATION NUMBER: 60/085704  
228 <151> PRIOR FILING DATE: 1998-05-15  
230 <150> PRIOR APPLICATION NUMBER: 60/086414  
231 <151> PRIOR FILING DATE: 1998-05-22  
233 <150> PRIOR APPLICATION NUMBER: 60/086430  
234 <151> PRIOR FILING DATE: 1998-05-22  
236 <150> PRIOR APPLICATION NUMBER: 60/087106  
237 <151> PRIOR FILING DATE: 1998-05-28  
239 <150> PRIOR APPLICATION NUMBER: 60/088026  
240 <151> PRIOR FILING DATE: 1998-06-04  
242 <150> PRIOR APPLICATION NUMBER: 60/088730  
243 <151> PRIOR FILING DATE: 1998-06-10  
245 <150> PRIOR APPLICATION NUMBER: 60/088741  
246 <151> PRIOR FILING DATE: 1998-06-10  
248 <150> PRIOR APPLICATION NUMBER: 60/088810  
249 <151> PRIOR FILING DATE: 1998-06-10  
251 <150> PRIOR APPLICATION NUMBER: 60/088858  
W--> 252 <151> PRIOR FILING DATE: 19/98-06-11  
254 <150> PRIOR APPLICATION NUMBER: 60/089532  
255 <151> PRIOR FILING DATE: 1998-06-17  
257 <150> PRIOR APPLICATION NUMBER: 60/089599  
258 <151> PRIOR FILING DATE: 1998-06-17  
260 <150> PRIOR APPLICATION NUMBER: 60/089907  
261 <151> PRIOR FILING DATE: 1998-06-18  
263 <150> PRIOR APPLICATION NUMBER: 60/089947  
264 <151> PRIOR FILING DATE: 1998-06-19  
266 <150> PRIOR APPLICATION NUMBER: 60/090349  
267 <151> PRIOR FILING DATE: 1998-06-23  
269 <150> PRIOR APPLICATION NUMBER: 60/090429  
270 <151> PRIOR FILING DATE: 1998-06-24  
272 <150> PRIOR APPLICATION NUMBER: 60/090445  
273 <151> PRIOR FILING DATE: 1998-06-24  
275 <150> PRIOR APPLICATION NUMBER: 60/090538  
276 <151> PRIOR FILING DATE: 1998-06-24

## RAW SEQUENCE LISTING

DATE: 05/06/2002

PATENT APPLICATION: US/10/123,291

TIME: 08:54:54

Input Set : N:\COPIES\EBONY\Seq\_Listing\_for\_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

278 <150> PRIOR APPLICATION NUMBER: 60/090863  
279 <151> PRIOR FILING DATE: 1998-06-26  
281 <150> PRIOR APPLICATION NUMBER: 60/091360  
282 <151> PRIOR FILING DATE: 1998-07-01  
284 <150> PRIOR APPLICATION NUMBER: 60/091519  
285 <151> PRIOR FILING DATE: 1998-07-02  
287 <150> PRIOR APPLICATION NUMBER: 60/091982  
288 <151> PRIOR FILING DATE: 1998-07-07  
290 <150> PRIOR APPLICATION NUMBER: 60/093339  
291 <151> PRIOR FILING DATE: 1998-07-20  
293 <150> PRIOR APPLICATION NUMBER: 60/094651  
294 <151> PRIOR FILING DATE: 1998-07-30  
296 <150> PRIOR APPLICATION NUMBER: 60/095285  
297 <151> PRIOR FILING DATE: 1998-08-04  
299 <150> PRIOR APPLICATION NUMBER: 60/095301  
300 <151> PRIOR FILING DATE: 1998-08-04  
302 <150> PRIOR APPLICATION NUMBER: 60/095302  
303 <151> PRIOR FILING DATE: 1998-08-04  
305 <150> PRIOR APPLICATION NUMBER: 60/095325  
306 <151> PRIOR FILING DATE: 1998-08-04  
308 <150> PRIOR APPLICATION NUMBER: 60/096143  
309 <151> PRIOR FILING DATE: 1998-08-11  
311 <150> PRIOR APPLICATION NUMBER: 60/096146  
312 <151> PRIOR FILING DATE: 1998-08-11  
314 <150> PRIOR APPLICATION NUMBER: 60/096329  
315 <151> PRIOR FILING DATE: 1998-08-12  
317 <150> PRIOR APPLICATION NUMBER: 60/096768  
318 <151> PRIOR FILING DATE: 1998-08-17  
320 <150> PRIOR APPLICATION NUMBER: 60/096773  
321 <151> PRIOR FILING DATE: 1998-08-17  
323 <150> PRIOR APPLICATION NUMBER: 60/096791  
324 <151> PRIOR FILING DATE: 1998-08-17  
326 <150> PRIOR APPLICATION NUMBER: 60/096891  
327 <151> PRIOR FILING DATE: 1998-08-17  
329 <150> PRIOR APPLICATION NUMBER: 60/096895  
330 <151> PRIOR FILING DATE: 1998-08-17  
332 <150> PRIOR APPLICATION NUMBER: 60/096960  
333 <151> PRIOR FILING DATE: 1998-08-18  
335 <150> PRIOR APPLICATION NUMBER: 60/097141  
336 <151> PRIOR FILING DATE: 1998-08-19  
338 <150> PRIOR APPLICATION NUMBER: 60/097218  
339 <151> PRIOR FILING DATE: 1998-08-20  
341 <150> PRIOR APPLICATION NUMBER: 60/097951  
342 <151> PRIOR FILING DATE: 1998-08-26  
344 <150> PRIOR APPLICATION NUMBER: 60/097986  
345 <151> PRIOR FILING DATE: 1998-08-26  
347 <150> PRIOR APPLICATION NUMBER: 60/098525  
348 <151> PRIOR FILING DATE: 1998-08-31  
350 <150> PRIOR APPLICATION NUMBER: 60/098750

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/123,291

DATE: 05/06/2002  
TIME: 08:54:55

Input Set : N:\COPIES\EBONY\Seq\_Listing\_for\_P3330R1C28.txt  
Output Set: N:\CRF3\05062002\J123291.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:37; N Pos. 2762,2778  
Seq#:38; Xaa Pos. 877,882  
Seq#:75; N Pos. 1428,1431  
Seq#:101; N Pos. 2020  
Seq#:137; N Pos. 2153,2160  
Seq#:153; N Pos. 67  
Seq#:179; N Pos. 2108  
Seq#:181; N Pos. 1560,1561  
Seq#:201; N Pos. 2157  
Seq#:263; N Pos. 1447,1489,1593  
Seq#:285; N Pos. 2715  
Seq#:309; N Pos. 1837  
Seq#:383; N Pos. 1620,1673  
Seq#:385; N Pos. 1869,1887  
Seq#:533; N Pos. 396

## VERIFICATION SUMMARY

DATE: 05/06/2002

PATENT APPLICATION: US/10/123,291

TIME: 08:54:55

Input Set : N:\COPIES\EBONY\Seq\_Listing\_for\_P3330R1C28.txt

Output Set: N:\CRF3\05062002\J123291.raw

L:26 M:270 C: Current Application Number differs, Replaced Current Application No  
L:26 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:252 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:4773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:2750  
L:4990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:870  
L:8710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:1400  
L:10994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:2000  
L:14681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137 after pos.:2150  
L:16481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:50  
L:18312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:179 after pos.:2100  
L:18519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181 after pos.:1550  
L:20611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:201 after pos.:2150  
L:26199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:1400  
L:26201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:1450  
L:26205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:1550  
L:27753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:2700  
L:29964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:1800  
L:36860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:1600  
L:36862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:1650  
L:37026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:385 after pos.:1850  
L:48644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:533 after pos.:350